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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Qiang Luo	Examiner:	Not Yet Assigned
Serial No.:	10/688,657	Group Art Unit:	2612
Filed:	10/17/2003	Docket:	50019.0259US01
Confirmation No.:	1222	Notice of Allow. Date:	Not Yet Assigned
Title:	CHARGE DIFFUSION CROSSTALK REDUCTION FOR IMAGE SENSORS		

CERTIFICATE UNDER 37 CFR 1.8:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: , Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450 on May 11, 2004.

By: 

Name: Kayla E. Burcher

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**23552**

PATENT TRADEMARK OFFICE

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing
- ☒ Information Disclosure Statement, Form 1449, 4 Reference(s)
- ☒ Return postcard

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers or any future reply, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C.  
P.O. Box 2903, Minneapolis, MN 55402-0903  
612.332.5300

By: 

Name: Mark R. Hennings

Reg. No.: 48,982

MRH



10/688,657

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By: 

Name: Kayla R. Butcher

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(b))

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted before the mailing date of a first Office Action on-the-merits. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. § 1.98(a)(2), a copy of each document or other information listed on the enclosed Form 1449 is provided.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

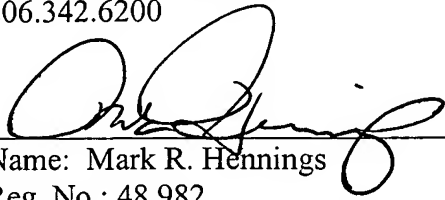
Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.



Date: May 11, 2004

Respectfully submitted,

MERCHANT & GOULD P.C.  
P.O. Box 2903  
Minneapolis, MN 55402-0903  
206.342.6200

  
Name: Mark R. Hennings  
Reg. No.: 48,982

<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b> <b>IN AN APPLICATION</b> (Use several sheets if necessary)	Docket Number: 50019.0259US01	Application Number: 10/688,657
	Applicant: Qiang Luo	
	Filing Date: 10/17/2003	Group Art Unit: 2612

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
		Orly Yadid-Pecht; <i>Geometrical Modulation Transfer Function for Different Pixel Active Area Shapes</i> ; Optical Engineering, Vol. 39, No. 4 April 2000; pgs. 859-865
		Igor Shcherback and Orly Yadid-Pecht; <i>CMOS APS MTF Modeling</i> ; IEEE Transactions on Electron Devices, Vol 48, No. 12, December 2001; pgs. 2710-2715
		C. Marques, P. Magnan; <i>Experimental Characterization and Simulation of Quantum Efficiency and Optical Crosstalk of CMOS Photodiode APS</i> ; Proceedings of SPIE, Vol. 4669, January 21-23, 2002; pgs. 107-116
		J. S. Lee, J. Shah, M. Ed Jernigan, and R. I. Hornsey; <i>Empirical Characterization of Lateral Crosstalk for CMOS Image Sensors and Deblurring Operations</i> ; IEEE Workshop on Charge-Coupled Devices and Advanced Image Sensors, Schloss Elmau, Elmau, Germany, 2003

**23552**

PATENT TRADEMARK OFFICE

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	